USA ROCK ISLAND ARSENAL

Joint Manufacturing & Technology Center

Command Overview

Commander
J.B. Elliott

Vision

Provider of Choice for the 21st Century War Fighter

Goals

- Transform RIA-JMTC to meet the needs of current and future combat systems
- Be Technologically Advanced, Value-Added, Fully Integrated and Responsive
- Pursue Internal and External Reform Initiatives to Remain Competitive
- Maintain and Advance a Diverse, Trained and Ready Workforce Enhance Communications to Keep

Mission Statement

As rapidly as possible, provide our Nation's warfighters with the most cost efficient and effective (100% reliable) products and bring the warfighter home safely.

RIA-JMTC Core Capabilities

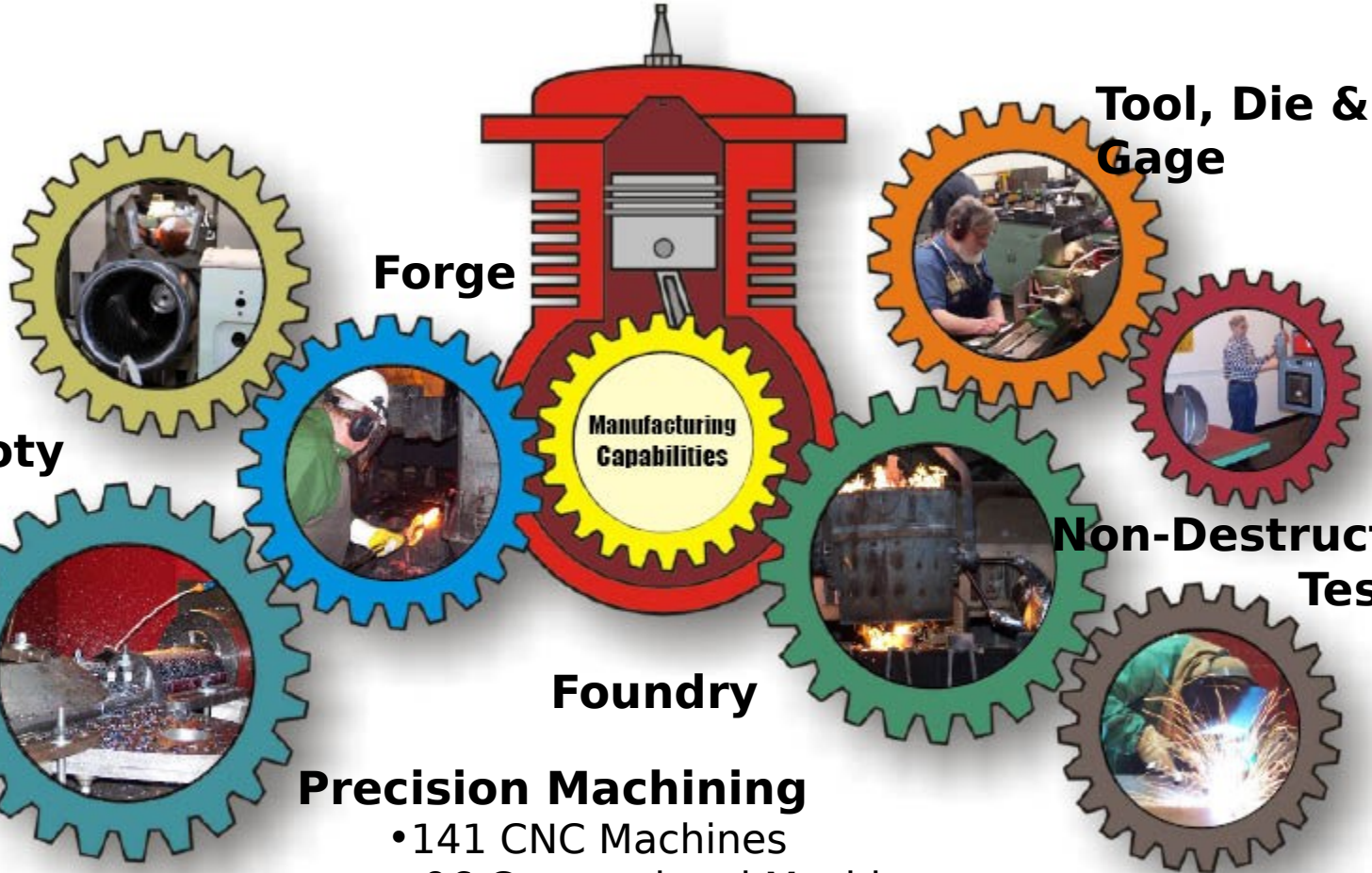
- We can do what the private sector can't (profitability)
- Surge Capability – 90+ local blanket purchase agreements
- Competitive Pricing (Honest Broker)
- Critical Parts – Sustainment of legacy systems
- Flexible Manufacturing – Adaptive organization focused on

RIA-JMTC Attributes

- The Army's only Shingo Gold Prize Award Winner for Excellence in Manufacturing 2006, Public Sector
- First Army Industrial Activity ISO 9001:2000 (Independently Registered 31 Dec 1995)
- Lean Six Sigma Program
- Only Vertically Integrated Metal Manufacturing Facility in DoD

- In-house integration of engineering & production
- Critical knowledge base for prototype, production engineering, manufacturing & testing
- Rapid response machining center
- Original/sole producer of weapons systems
- Components
- Future focus tied to needs of the warfighter

Manufacturing & Service Capabilities



Tool, Die & Gage

Forge

Prototype

Non-Destructive Testing

Foundry

Precision Machining

- 141 CNC Machines
- 96 Conventional Machines
- 3,4,5 & 7 Axis CNC Machines

Weld & Fab

Manufacturing & Service Capabilities

Assembly
Forge
Foundry
Gears
Heat Treat
Investment Casting
Precision Machining
Non-Destructive Testing
Paint
Pattern Shop
Plating
Pliable Materials
Prototype
RRMC
Springs
Tool, Die & Gage
Weld & Fabrication

Core Products

Shop Equipment
Contact Maintenance

M119 Towed Howitzer

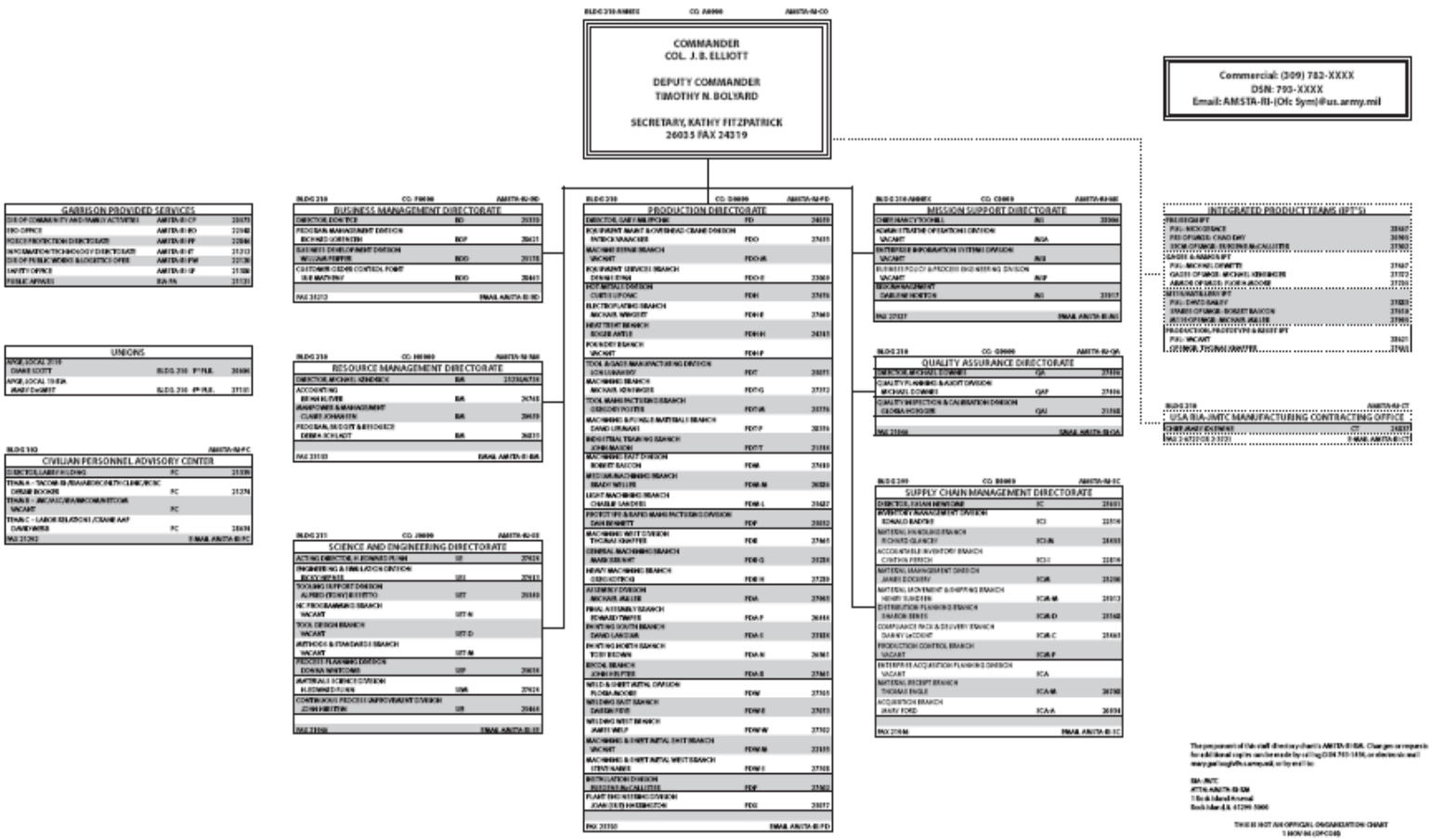
HMMWV + Frag 5 Kit + GPK

Forward Repair System

RIA-JMTC

Safety and Occupational Health

USA ROCK ISLAND ARSENAL
JOINT MANUFACTURING & TECHNOLOGY CENTER
ROCK ISLAND, ILLINOIS



Safety Assessments

- **COL Elliott and RIA-JMTC Safety Risk Manager performs site visits / walk-through of operations**
- **Garrison Safety Office Support**
- **Supervisors and Lean walk-through**
- **Collateral Duty Personnel Surveys**
- **Follow-up on safety findings and concerns**
- **Action registers (SOHAC and Mission Support)**

Safety and Occupational Health Training

- 10-hour OSHA for General Industry Course
  - Lean Core Members
- 30 Hour OSHA for General Industry Course
  - Collateral Duty Personnel
- Overhead Crane and Hoist Operator
- Applied Ergonomics Class by USACHPPM
- Hazard Communication
- Back Safety and Safe Lifting
- Confined Space Entry
- Accident Investigation
- Composite Risk Management

Training In Action

Accident Reporting

- Report all accidents (injury or property damage) and close calls to supervisor immediately
- Submit the Preliminary Incident Notification Report within 2 hours
- Conduct the investigation using the Safety Accident Incident Report (SAIR) within 72 hours
- Commander’s follow up meeting on incident/accident
- Lessons Learned shared
- Action register to be sure corrective actions planned are completed

Safety Collateral Duty Program

- **Safety Collateral Duty Personnel (volunteers) conduct regular surveys**
- **Results are shared with Supervisor**
- **Findings affecting multiple areas/cost centers shared in SOHAC**
- **Schedule based on trend analysis**

Ergonomics & PPE Review

- **RIA-JMTC began an Ergonomic and PPE Review with Industrial Hygiene and USAG-RI Safety Office**

- **Developing and posting charts of approved PPE by operation – approval from IH and SF**

Ergonomics in Action

Positioning Device

AMC Safety Rapid Review Team at RIA-JMTC

8 Best Practices identified by the AMC SRRT for RIA-JMTC:

- **Statistical system for tracking work injuries at RIA-JMTC**
- **“Accident Review Board” for learning from injuries**
- **Collateral Duty Safety Program**
- **Hazard Identification Team**
- **Safety After Accident Review**
- **Overhaul of Material Handling Equipment, i.e. forklifts**

AMC Safety Rapid Review Team at RIA-JMTC

8 Best Practices identified by the AMC SRRT for RIA-JMTC:

- **Long term disability management program**
- **Industrial Hygiene program integration into Safety and Occupational processes at RIA-JMTC**

Note: The team's 18 recommendations were all addressed and closed out formally at the follow-up visit.

Continuous Improvement in Safety Performance (CISP)

- **Monthly CISP results are forwarded from USAG-RI Safety Office to Directorates and Office POC for distribution.**

- **The RIA-JMTC CISP Results are posted at https://home.ria.army.mil/sites/safety/RIACISP_FY2007.htm**

- **The FY07 - RIA Incident Listing is posted at https://home.ria.army.mil/sites/safety/documentation/IncidentListingFY2007.xls**

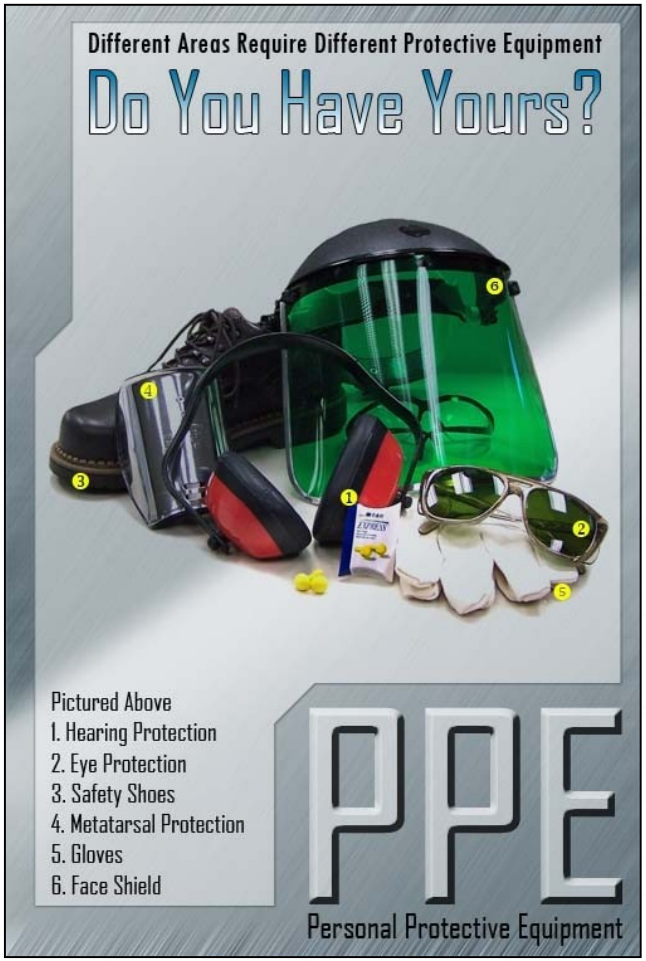
Lean at RIA-JMTC

- **Rapid Improvement Events**
- **Safety/Ergonomics/Hazardous Material issues identified and corrected**
- **RIA-JMTC Safety Risk Manager and USAG-RI Safety staff attend daily lean meetings**
- **On site visits and walk through**
- **Conducted specific Safety projects**

RIA-JMTC Safety Meetings

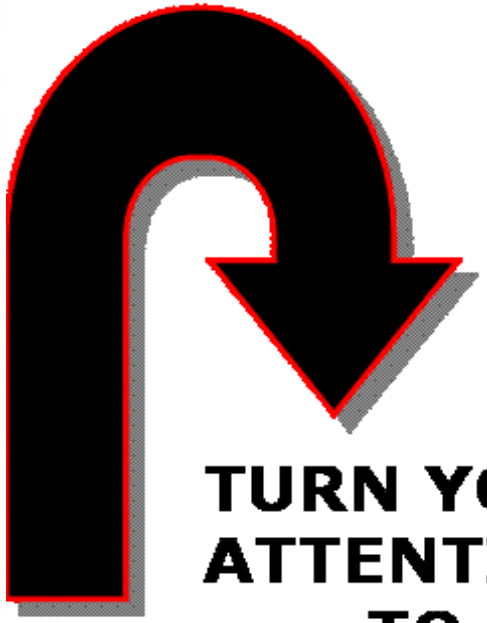
- **Safety and Occupational Health Council (SOHC)**
- **Directorate and Division Monthly Safety Meeting**
- **Installation Safety and Occupational Advisory Council**

Safety Awareness Initiatives



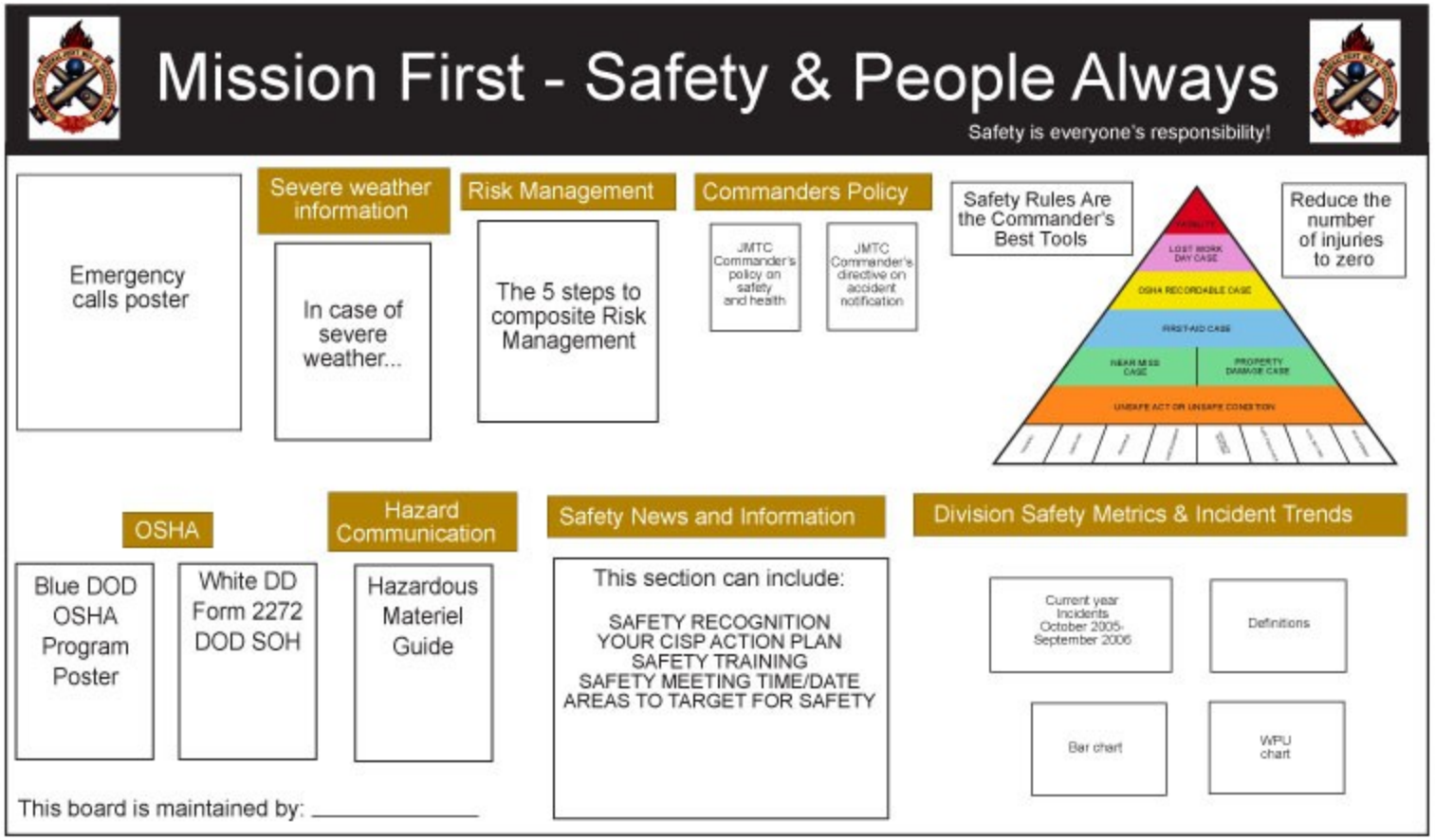
- Customized Posters
- Safety Slogans
- Bulletin Boards
- Employee Recognition
- Awards
- Glove Workshop

Weekly Safety Slogans



TURN YOUR ATTENTION TO ACCIDENT PREVENTION

Safety Bulletin Boards


Mission First - Safety & People Always
Safety is everyone's responsibility!
Emergency calls poster
Severe weather information
In case of severe weather...
Risk Management
The 5 steps to composite Risk Management
Commanders Policy
JMTC Commander's policy on safety and health
JMTC Commander's directive on accident notification
Safety Rules Are the Commander's Best Tools
Reduce the number of injuries to zero
OSHA
Blue DOD OSHA Program Poster
White DD Form 2272 DOD SOH
Hazard Communication
Hazardous Materiel Guide
Safety News and Information
This section can include:
SAFETY RECOGNITION
YOUR CISP ACTION PLAN
SAFETY TRAINING
SAFETY MEETING TIME/DATE
AREAS TO TARGET FOR SAFETY
Division Safety Metrics & Incident Trends
Current year Incidents October 2005- September 2006
Definitions
Bar chart
WPU chart
This board is maintained by: _____

It’s all about the Joint Warfighter!